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Application No.	Applicant(s)	aw
10/730,778	YEO ET AL.	
Examiner	Art Unit	
Pichard A Booth	2812	

Notice of Allowability	Ν	otice	of A	Mowa	bility
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	Richard A. Booth	2812	
The MAILING DATE of this communication appeal All claims being allowable, PROSECUTION ON THE MERITS IS (herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGOT the Office or upon petition by the applicant. See 37 CFR 1.313	OR REMAINS) CLOSED in or other appropriate comminions. This application is s	n this application. If not includ unication will be mailed in due	ed course. THIS
1. This communication is responsive to			
2. The allowed claim(s) is/are <u>28-32</u> .			
3. \boxtimes The drawings filed on <u>09 December 2003</u> are accepted by	he Examiner.		
 4. Acknowledgment is made of a claim for foreign priority una a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received:	been received. been received in Application to file the communication to file ENT of this application. tted. Note the attached EX is reason(s) why the oath of the submitted. on's Patent Drawing Reviews Amendment / Comment of the header according to 37 Clisit of BIOLOGICAL MAT	on No Indicate the complying with the reserved and the reserved and the complying with the reserved and the complying and the complete and t	quirements NOTICE OF
attached Examiner's comment regarding REQUIREMENT	FOR THE DEPOSIT OF BI	OLOGICAL MATERIAL.	
Attachment(s) 1. ☑ Notice of References Cited (PTO-892)	5. ☐ Notice of Ir	nformal Patent Application (P1	O-152)
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6. 🔀 Interview S	Summary (PTO-413),	
 3. ☑ Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date 0204 4. ☐ Examiner's Comment Regarding Requirement for Deposit 	8), 7. Examiner's	./Mail Date <u>OSO</u> S. s Amendment/Comment s Statement of Reasons—for Al	owance
of Biological Material	9. Other		
C. Z. Siegious material		ATCHARD BOOT!	<u> </u>

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with David O'Dell on 05/24/05.

The application has been amended as follows:

Claim 1, non-elected with traverse, is cancelled.

The following is an examiner's statement of reasons for allowance: the prior art, either singly or in combination, fails to anticipate or render obvious, the limitations of: insulator filled shallow trench shapes comprised with overlying top portions featuring tapered sides, and wherein said overlying top portions of said insulator filled shallow trench shapes extend upwards to a level between about 1000 to 2000 Angstroms above the level of the top surface of said semiconductor substrate; a composite semiconductor shape on a top surface of said semiconductor substrate, with said composite semiconductor shape featuring tapered sides, and located between said overlying top portions of said insulator filled shallow trench shapes; insulator filled V groove shapes located between said composite semiconductor shape and said overlying top portions of said insulator filled shallow trench shapes, as required by independent claim 28.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

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accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Richard A. Booth whose telephone number is (571) 272-1668. The examiner can normally be reached on Monday-Thursday from 7:30-6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Lebentritt can be reached on (571) 272-1873. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Richárd A. Booth Primary Examiner Art Unit 2812

May 24, 2005